

Serial No. **10/578,709**

Docket No. **IK-0134**

Amdt. dated January 22, 2009

Reply to Office Action of October 24, 2008

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A refrigerator, comprising:

a seating space ~~with~~ including an open front face provided at one side of a door;

a communication pad detachably seated in the seating space;

a pair of clamps ~~installed on~~ provided at upper and lower ends of the seating space, ~~the clamps rotating pivotably in forward and backward directions to be pivotable back and forth and supporting the communication pad in the seating space by enclosing upper and lower ends of the communication pad; and~~

~~a pair of hinge assemblies fixing that fix the pair of clamps in the seating space, respectively, and causing cause the pair of clamps to rotate only by when a force of a predetermined value or higher is applied to the pair of clamps, wherein in a process of mounting and dismounting the communication pad to and from the seating space, the respective pair of clamps are simultaneously pivot pivoted in opposite directions with respect to each other by the communication pad.~~

2. (Currently Amended) The refrigerator as claimed in claim 1, wherein front ends of

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the respective pair of clamps are provided with catching portions for supporting, respectively, that support upper and lower ends of a front surface of the communication pad, wherein portions opposite to the respective catching portions are provided with supporting portions for supporting, respectively, that support upper and lower ends of a rear surface of the communication pad, and wherein the catching portions and the supporting portions cooperate with each other so that the clamps are formed with form insertion grooves in which the upper and lower ends of the communication pad are seated, respectively.

3. (Original) The refrigerator as claimed in claim 2, wherein the supporting portions of the clamps are formed to be relatively longer than the catching portions, and thus, come into contact with the rear surface of the communication pad when the communication pad is mounted and dismounted.

4. (Currently Amended) The refrigerator as claimed in claim 2, wherein the respective pair of hinge assemblies are configured so that respective hinge members with ends connected to the pair of clamps and the door are rotatably connected to hinge shafts, the hinge members rotating relative to the hinge shafts when the force of the predetermined value or higher is applied to the hinge members.

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5. (Currently Amended) A refrigerator, comprising:

a seating space ~~with~~ including an open front face formed at one side of a door;  
a communication pad detachably seated in the seating space;  
~~a~~ at least one clamp ~~installed to~~ provided at an upper end of the seating space, the  
at least one clamp pivoting in forward and backward directions by means of ~~to be pivotable back~~  
~~and forth through~~ a ~~at least one~~ hinge assembly and supporting the communication pad in the  
seating space by enclosing an upper end of the communication pad;  
~~a~~ at least one holder provided ~~in~~ at a lower end of the seating space and  
supporting ~~that supports~~ a lower end of the communication pad by ~~allowing it receiving the~~  
~~communication pad to be inserted in the holder thereinto~~; and  
~~a~~ at least one locking means for preventing ~~device that prevents~~ the  
communication pad from being dismounted from the seating space.

6. (Currently Amended) The refrigerator as claimed in claim 5, wherein a front end  
of the at least one clamp and the at least one holder are ~~is~~ provided with a catching portion for  
supporting portions, respectively, that support upper and lower ends of a front surface of the  
communication pad, wherein portions ~~a~~ portion opposite to the catching portion ~~is~~ portions are  
each provided with a supporting portion for, ~~the~~ supporting portions supporting upper and  
lower ends of a rear surface of the communication pad, respectively, and wherein the catching

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~~portion portions~~ and the supporting ~~portion portions~~ cooperate with each other so that ~~form~~ an insertion ~~groove grooves~~, in which the upper and lower ends of the communication pad are seated, ~~respectively-is-formed in the clamp.~~

7. (Currently Amended) The refrigerator as claimed in claim 6, wherein the supporting portion of the at least one clamp is formed to be relatively longer than the catching portion of the at least one clamp, and thus, comes into contact with the rear surface of the communication pad when the communication pad is mounted and dismounted.

8. (Currently Amended) The refrigerator as claimed in claim 6, wherein the door is a home-bar door provided in a door ~~for opening and closing~~ that opens and closes a storage space in a refrigerator main body, the home-bar door being installed so that an upper end thereof is vertically pivotable on a lower end thereof.

9. (Currently Amended) The refrigerator as claimed in claim 5, 8, wherein the at least one locking means device comprises:

a locking bar provided ~~in~~ at a rear surface of the at least one clamp, protruding rearward, and having a catching groove at a front end of the locking bar;

a slot formed in the home-bar door ~~to be~~ inclined at a predetermined angle, the

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front end of the locking bar being selectively inserted into the slot; and  
a locking ball installed to move along the slot and ~~preventing prevent~~ the at least  
one clamp from rotating by allowing the locking ball to move according to the rotational angle  
of the home-bar door and to be seated in the catching groove.

10. (Currently Amended) The refrigerator as claimed in claim 9, wherein the locking  
bar is ~~formed so that the front end thereof is inclined to the rearward toward a rear portion of~~  
the home-bar door at a predetermined angle, and the slot is ~~formed so that an upper end thereof~~  
~~is inclined to the forward toward a front portion~~ of the home-bar door at a predetermined angle.

11. (Currently Amended) The refrigerator as claimed in claim 5, wherein the at least  
one locking means device comprises:

a housing including an installation space therein;  
a stopper including a protruding portion formed in an end of a catching portion,  
and a ~~the~~ catching portion ~~being~~ installed in the installation space~~[],]~~ and preventing the at least  
one clamp from operating by allowing the protruding portion to selectively protrude out of the  
housing and to be positioned on a rotational trace of the at least one clamp;

an elastic member installed in the installation space of the housing and exerting  
that exerts an elastic force in a direction of protrusion of the protruding portion of the stopper

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out of the housing; and

an operating knob installed to be exposed out of the door, connected to the stopper, and operated by a user[[,]]~~and actuating to actuate~~ the stopper.

12. (Currently Amended) The refrigerator as claimed in claim 11, wherein the door is a home-bar door ~~which- that is~~ provided in a door ~~for opening and closing~~ that opens and closes a storage space in a refrigerator main body, the home-bar door being installed so that an upper end thereof is vertically pivotable on a lower end thereof.

13. (Currently Amended) A refrigerator, comprising:

a seating space with an open front face formed at one side of a door;

a communication pad detachably seated in the seating space;

an upper holder provided ~~on-at~~ an upper end of the seating space ~~and supporting that supports~~ an upper end of the communication pad ~~by enclosing the upper end of the communication pad;~~ and

a lower holder provided ~~on-at~~ a lower end of the seating space ~~and supporting that supports~~ a lower end of the communication pad ~~by enclosing the lower end of the communication pad,~~ wherein at least one of the upper and lower holders is installed to be

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vertically movable in a height direction of the communication pad.

14. (Currently Amended) The refrigerator as claimed in claim 13, wherein the upper holder is supported by an elastic member, and wherein the elastic member exerting exerts an elastic force in a direction of the upper end of the communication pad.

15. (Currently Amended) The refrigerator as claimed in claim 14, wherein the elastic member is provided between a ceiling of the seating space and an upper surface of the upper holder and is covered with a cover.

16. (Currently Amended) The refrigerator as claimed in claim 1, further comprising:  
a fixing-means fixing device that fixes the communication pad mounted in the seating space to the seating space;  
a password input portion receiving configured to receive a password for releasing to release the fixing-means device;  
a password recognition portion storing that stores a previously registered password and comparing compares the password received through the password input portion with the previously registered password; and  
a release operating portion causing that releases the fixing-means to be released

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device if the password recognition portion determines that the registered password and the received password are identical to each other.

17. (Currently Amended) The refrigerator as claimed in claim 16, wherein the fixing means-device comprises a solenoid with a plunger capable of moving inward and outward.

18. (Currently Amended) The refrigerator as claimed in claim 16, wherein the fixing means-device comprises a magnet switch that selectively generating generates a magnetic force by means of switching power on or off.

19. (Currently Amended) The refrigerator as claimed in claim 1, further comprising:  
a radio call signal generator provided in a main body side including the door-and generating that generates a radio call signal by in response to a user's input;  
a radio call signal receiver provided in the communication pad-and-receiving that receives the radio call signal;  
a ring tone generator provided in the communication pad-and generating that generates a ring tone when the radio call signal is received in the radio call signal receiver; and  
a speaker provided in the communication pad-and outputting that outputs the ring tone generated in the ring tone generator.

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20. (Currently Amended) The refrigerator as claimed in claim 1, wherein in further comprising a connector installed in the seating space to be exposed and including a plurality of terminals, wherein all of the plurality of terminals except one in the connector are provided with a switch, and the switch is turned on by allowing a connector provided in the communication pad to be inserted in the connector installed in the seating space, thereby effecting an electrically electrical connection between the door side and the communication pad.

21. (Currently Amended) The refrigerator as claimed in claim 20, wherein the terminal without the switch among the terminals of the connector installed in the seating space to be exposed includes an end connected to the a switch and the other another end selectively connected to one of the plurality of terminals of the connector provided in the communication pad.